

5' ATG AAG GTC TCC GCA GCA CTT CTG TGG CTG CTG CTC ATA GCA GCT GCC TTC AGC 54
 M K V S A A A L L W L L L I A A A F S
 63 72 81 90 99 108
 CCC CAG GGG CTC ACT GGG CCA GCT TCT GTC CCA ACC ACC TGC TGC TTT AAC CTG
 P Q G L T G P A S V P T T C C F N L
 117 126 135 144 153 162
 GCC AAT AGG AAG ATA CCC CTT CAG CGA CTA GAG AGC TAC AGG AGA ATC ACC AGT
 A N R K I P L Q R L E S Y R R I T S
 171 180 189 198 207 216
 GGC AAA TGT CCC CAG AAA GCT GTG ATC TTC AAG ACC AAA CTG GCC AAG GAT ATC
 G K C P Q K A V I F K T K L A K D I
 225 234 243 252 261 270
 TGT GCC GAC CCC AAG AAG AAG TGG GTG CAG GAT TCC ATG AAG TAT CTG GAC CAA
 C A D P K K K W V Q D S M K Y L D Q
 279 288
 AAA TCT CCA ACT CCA AAG CCA 3'
 K S P T P K P

FIGURE 1



5'	9	18	27	36	45	54										
ATG GCT CAG TCA CTG GCT CTG AGC CTC CTT ATC CTG GTT CTG GCC TTT GGC ATC	M	A	Q	S	L	A	S	L	I	L	V	L	A	F	G	I
CCC AGG ACC CAA GGC AGT GAT GGA GGG GCT CAG GAC TGT TGC CTC AAG TAC AGC	P	R	T	Q	G	S	D	G	A	Q	D	C	C	L	K	Y
CAA AGG AAG ATT CCC GCC AAG GTT GTC CGC AGC TAC CGG AAG CAG GAA CCA AGC	Q	R	K	I	P	A	K	V	R	S	Y	R	K	Q	E	P
TTA GGC TGC TCC ATC CCA GCT ATC CTG TTC TTG CCC CGC AAG CGC TCT CAG GCA	L	G	C	S	I	P	A	I	L	F	L	P	R	R	S	Q
GAG CTA TGT GCA GAC CCA AAG GAG CTC TGG GTG CAG CAG CTG ATG CAG CAT CTG	E	L	C	A	D	P	K	E	L	W	V	Q	Q	L	M	Q
GAC AAG ACA CCA TCC CCA CAG AAA CCA GCC CAG GGC TGC AGG AAG GAC AGG GGC	D	K	T	P	S	P	Q	K	P	A	Q	G	C	R	K	D

FIGURE 2A



333	GCC	TCC	AAG	ACT	GGC	AAG	AAA	GGA	AAG	GGC	TCC	AAA	GGC	TGC	AAG	AGG	ACT	GAG
	A	S	K	T	G	K	K	G	K	G	S	K	G	C	K	R	T	E
387	CGG	TCA	CAG	ACC	CCT	AAA	GGG	CCA	3'									
	R	S	Q	T	P	K	G	P										

FIGURE 2B





M - - - - -										K V S A A L L A L L L I A A A F C P Q										Majority												
1	M	-	-	-	-	-	-	-	-	-	-	-	Q	V	S	T	A	A	L	A	V	L	L	C	T	M	A	L	C	N	Q	MIP-1a
1	M	-	-	-	-	-	-	-	-	-	-	-	K	L	C	V	T	V	L	S	L	L	M	L	V	A	A	F	C	S	P	MIP-1b
1	M	-	-	-	-	-	-	-	-	-	-	-	K	V	S	A	A	R	L	A	V	I	L	I	A	T	A	L	C	A	P	RANTES
1	M	A	Q	S	L	A	-	-	-	-	-	-	-	-	-	-	-	-	L	S	L	L	I	L	V	L	A	F	G	I	P	226152
1	M	-	-	-	-	-	-	-	-	-	-	-	K	V	S	A	A	L	L	C	L	L	L	I	A	A	T	F	I	P	Q	MCP-1
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MCP-2
1	M	W	K	P	M	P	S	P	S	N	M	K	A	S	A	A	L	L	C	L	L	L	T	A	A	A	F	S	P	Q	MCP-3	
1	M	-	-	-	-	-	-	-	-	-	-	-	K	V	S	A	A	L	L	W	L	L	L	I	A	A	F	S	P	Q	223187	
G L A Q P D G V D T P T T C C C F N Y I N R K I P R Q R L E S																				Majority												
21	-	F	S	A	S	L	A	A	D	T	P	T	A	C	C	C	F	S	Y	T	S	R	Q	I	P	Q	N	F	I	A	D	MIP-1a
21	A	L	S	A	P	M	G	S	D	P	P	T	A	C	C	C	F	S	Y	T	A	R	K	L	P	R	N	F	V	V	D	MIP-1b
21	A	S	A	S	P	Y	S	S	D	T	-	T	P	C	C	C	F	A	Y	I	A	R	P	L	P	R	A	H	I	K	E	RANTES
20	R	T	Q	G	S	D	G	G	A	Q	D	-	-	C	C	L	K	Y	S	Q	R	K	I	P	A	K	V	V	R	S	226152	
21	G	L	A	Q	P	D	A	I	N	A	P	V	T	C	C	Y	N	F	T	N	R	K	I	S	V	Q	R	L	A	S	MCP-1	
1	-	-	A	Q	P	D	S	V	S	I	P	I	T	C	C	F	N	V	I	N	R	K	I	P	I	Q	R	L	E	S	MCP-2	
31	G	L	A	Q	P	V	G	I	N	T	S	T	T	C	C	Y	R	F	I	N	K	K	I	P	K	Q	R	L	E	S	MCP-3	
21	G	L	T	G	P	A	S	V	-	-	P	T	T	C	C	F	N	L	A	N	R	K	I	P	L	Q	R	L	E	S	223187	

FIGURE 3A

Title: CHEMOKINE PANEC-2 POLYNUCLEOTIDES, POLYPEPTIDES, ANTIBODIES AND METHODS OF MAKING AND USING THEM

Serial No.: 10/057,275

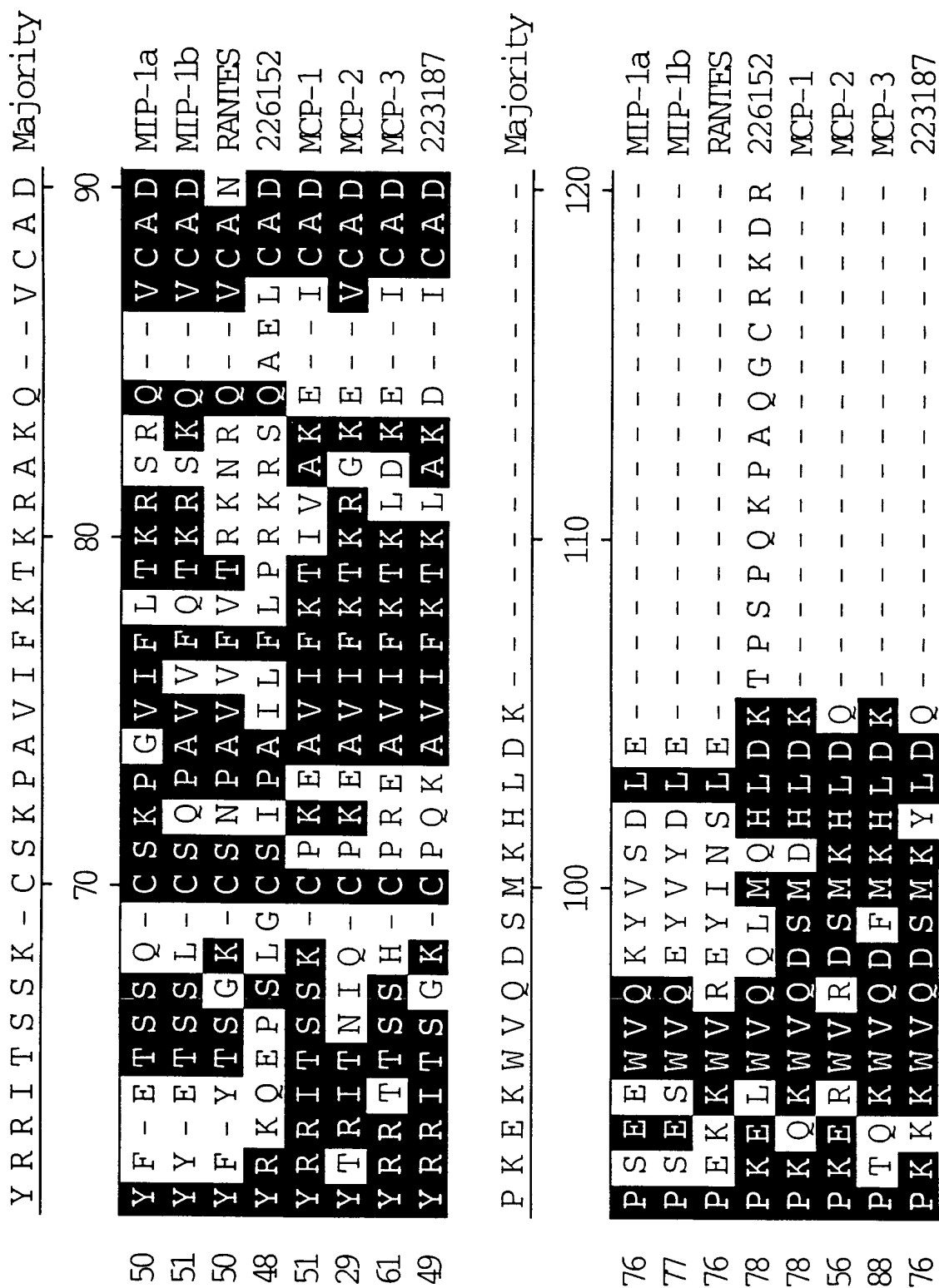
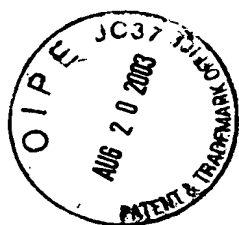


FIGURE 3B



Majority

MIP-1a
MIP-1b
RANTES
226152
MCP-1
MCP-2
MCP-3
223187

[illegible]

FIGURE 3C

